



# NITFS Compliance Registration



**Product:** SET / DataThruWay Version 5.3 for the production of  
Digital Point Positioning Data Base (DPPDB)  
**System:** National Geospatial-Intelligence Agency (NGA)

**Date:** 12 June 2006  
**Expiration:** 11 June 2008  
**Registration #:** 350

**Developer:** Aerospace Electronic (BAE) Systems Geospatial Exploitation Products

☐ Initial Registration  
☐ Supplemental/Update #  
☒ Derived from Reg. #45

## System

N-0105/98, §4.1.1

## Product

N-0105/98, §4.1.2

## Component

N-0105/98, §4.1.3

## NITFS Features Implemented:

### Format

- ☐ NITF
- ☐ v2.1
- ☒ v2.0
- ☐ v1.1
- ☐ NSIF
- ☐ v1.0

### Pixel Value Types

- ☐ Boolean
- ☒ Integer
- ☐ Signed Integer \*
- ☐ IEEE Real \*
- ☐ IEEE Complex \*

### Annotation Segment Types

- ☐ Bit Mapped \*\*
- ☒ COM, 2301
- ☐ COM, 2301A
- ☐ Labels \*\*

### Text Segments

- ☒ TA
- ☐ UT1
- ☐ U8S
- ☐ MTF

### Image Segment Types

- ☒ MONO
- ☐ RGB
- ☐ RGB/LUT
- ☐ YCbCr
- ☐ MULTI
- ☐ NO DISPLY
- ☐ POLAR

### Image Compression

- ☐ Not Compressed
- ☒ PEG Lossy, 8-bit
- ☐ PEG Lossy, 12-bit
- ☐ PEG Downsample
- ☐ PEG Lossless
- ☐ PEG 2000
- ☐ Bi-Level
- ☐ Vector Quantization
- ☐ Multispectral JPEG, Individual Band

### Data Extension Segments

- ☐ TRE\_OVERFLOW
- ☐ STREAMING\_FILE\_HEADER
- ☒ Controlled Extensions \*\*
- ☐ Registered Extensions \*\*

### Tagged Record Extensions

- ☒ SIRA
- ☒ ADAA
- ☒ ADRA
- ☒ RDRA
- ☒ SDDA
- ☒ GSPA
- ☒ DPDA
- ☒ PRAA
- ☒ RSDA
- ☒ OUPDA
- ☒ CBDA
- ☒ ASDA
- ☒ RFCA

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

## Configurations Tested:

-Sun Solaris 8 and Solaris 9  
-Windows XP and Windows NT 2000

**Legend**  
**Interpret**  
**Generate**  
☒ Fully implemented  
☒ Partially implemented  
☐ Not implemented

*Curtis L. Green, Lt Col, USAF*

CURTIS L. GREEN, Lt Col, USAF, Division  
Chief  
Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
product for the intended use. Optional NITFS features may not be implemented.